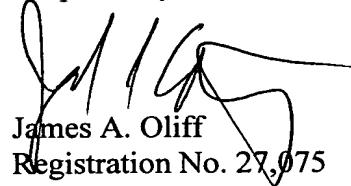


REMARKS

Claims 1-20 are pending. By this Preliminary Amendment, claims 3-14 are amended to eliminate multiple dependencies. The attached Appendix includes marked-up copies of each claim (37 C.F.R. 1.121(c)(ii)).

Respectfully submitted,



James A. Oliff  
Registration No. 27,075

Joel S. Armstrong  
Registration No. 36,430

JAO:JSA/cln

Date: April 12, 2001

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

**DEPOSIT ACCOUNT USE  
AUTHORIZATION**  
Please grant any extension  
necessary for entry;  
Charge any fee due to our  
Deposit Account No. 15-0461

## APPENDIX

## Changes to Claims:

The following is a marked up version of the amended claims:

3. (Amended) A light emitting device as claimed in claim 1 ~~or claim 2~~, wherein the substrate has a corrugated surface.

4. (Amended) A light emitting device as claimed in claim 1 ~~or claim 2~~, wherein a conductive polymer layer is formed over the transparent electrode, the conductive polymer layer having a corrugated surface opposite to a surface facing the transparent electrode, and the light emitting material being in contact with said corrugated surface of the conductive polymer layer.

5. (Amended) A light emitting device as claimed in ~~any preceding~~ claim 1, wherein the light emitting material has an absorption coefficient of less than  $1000 \text{ cm}^{-1}$ .

6. (Amended) A light emitting device as claimed in ~~any preceding~~ claim 1, wherein the light emitting material comprised a conjugated polymer.

7. (Amended) A light emitting device as claimed in any of claims 1 to 5, wherein the light emitting material comprises a polyflourine derivative.

8. (Amended) A light emitting device as claimed in ~~any preceding~~ claim 1, wherein the corrugated surface has a pitch  $\Lambda$  according to the equation: -

$$\Lambda = v\lambda_0/n\sin\theta_m$$

in which angle  $\theta_m$  is the angle of reflection from the upper and lower surfaces of the layer of light emitting material of light propagating in a waveguide mode  $m$  in the light emitting material,  $\lambda_0$  is the output wavelength, and  $n$  and  $v$  are integers.

9. (Amended) A light emitting device as claimed in ~~any preceding~~ claim 1, wherein the pitch of the corrugated surface is in the range 300 to 450nm.

10. (Amended) A light emitting device as claimed in any preceding claim 1, wherein the corrugated surface has a one-dimensional periodic structure.

11. (Amended) A light emitting device as claimed in any of claim 1 to 9, wherein the corrugated surface has a two-dimensional periodic structure.

12. (Amended) A light emitting device as claimed in any of claim 1 to 9, wherein the corrugated surface has a three-dimensional periodic structure.

13. (Amended) A light emitting device as claimed in any of claim 1 to 9, wherein the corrugated surface has the structure of a chirping grating.

14. (Amended) A light emitting device as claimed in any preceding claim 1, wherein the layer of light emitting material has a plurality of regions each of which has a corrugated surface with a respectively different pitch.

SEARCHED  
INDEXED  
MAILED  
FILED  
JULY 1998  
U.S. PATENT AND TRADEMARK OFFICE